



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: )  
Shunpei YAMAZAKI et al. ) Examiner: Monica Lewis  
Serial No. 09/837,877 ) Group Art Unit: 2822  
Filed: April 19, 2001 ) Dated: January 16, 2007  
For: A SEMICONDUCTOR DEVICE HAVING A PIXEL... )  
)

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

Applicants wish to not the following family information:

U.S. Patent Nos. 6,335,541; 6,285,042; 6,998,639; 5,643,826; 5,923,962 and U.S. Patent Publication No. 2006/0131583 are in the same family as JP07-130652;

U.S. Patent No. 6,893,503 is in the same family as JP10-270363;

U.S. Patent No. 6,590,230 is in the same family as JP10-135468; and

U.S. Patent Nos. 6,365,933; 7,023,052 and 7,138,658 are in the same family as JP10-135469.

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initial a copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380. (740756-2298)

Respectfully submitted,

By: 

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Substitute for form 1449A/PTO

Complete if Known

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(as many sheets as necessary)

Sheet

of

1

Application Number

09/837,877

Filing Date

April 19, 2001

First Named Inventor

Shunpei YAMAZAKI et al.

Art Unit

2822

Examiner Name

Monica Lewis

Attorney Docket Number

740756-2298

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-5,643,826	07/01/1997	Ohtani et al.	
		US-5,923,962	07/13/1999	Ohtani et al.	
		US-6,285,042 B1	09/04/2001	Ohtani et al.	
		US-6,335,541 B1	01/01/2002	Ohtani et al.	
		US-6,365,933 B1	04/02/2002	Yamazaki et al.	
		US-6,590,230 B1	07/08/2003	Yamazaki et al.	
		US-6,893,503 B1	05/17/2005	Ohnuma et al.	
		US-6,998,639 B2	02/14/2006	Ohtani et al.	
		US-7,023,052 B2	04/04/2006	Yamazaki et al.	
		US-7,138,658 B2	11/21/2006	Yamazaki et al.	
		US-2006/0131583 A1	06/22/2006	Ohtani et al.	
		US-			

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP07-130652	05/19/1995			AB
		JP10-135468	05/22/1998			AB
		JP10-135469	05/22/1998			AB
		JP10-270363	10/09/1998			AB

## **OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.